

Currently in Use

Compute Nodes

- (2) Dual-core AMD Opterons – 2.2 Ghz
- 1 GB RAM per CPU core
- (2) 250 GB SATA drives
- Gigabit ethernet
- 1U

Servers (4)

- (2) Single-core AMD Opterons – 2.4 Ghz
- 2 GB RAM per CPU core
- 250 GB SATA drive
- (2) Gigabit ethernet
- 1U

Storage

- (4) Apple Xserve RAID
- (14) 500 GB SATA drives each
- RAID 0 – about 6.3 TB each
- 3U each
- Connected to servers via Fibre Channel

Head Node

- (2) Dual-core AMD Opterons – 2.2 Ghz
- 1 GB RAM per CPU core
- (2) 250 GB SATA drives (mirrored)
- (2) Gigabit ethernet
- 1U

Planned

Compute Nodes

- (2) Six-core AMD Opterons (Istanbul)
- (2) Quad-core Intel Xeons
- 2.33 GB RAM per CPU core
- (4) 2 TB SATA drives
- Gigabit ethernet
- 1U

Servers (2)

- (1) Six-core AMD Opteron (Istanbul)
- (1) Quad-core Intel Xeon
- 2 GB RAM per CPU core
- (1 or 2) 1 TB SATA drives
- Gigabit ethernet(?)
- 2 independent servers in a single 1U box or 4 servers in 2U box
- 1U or 2U

Storage

- Distributed filesystem (Hadoop)
- Will use drives in compute nodes
- Will continue use of existing Xserve boxes

Head Node

- (1) Six-core AMD Opteron (Istanbul)
- (1) Quad-core Intel Xeons
- 2 GB RAM CPU core
- (2) 1 TB SATA drives (mirrored)
- Gigabit ethernet
- 2U